EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1374	((384/100) or (384/107) or (384/119-121)).CCLS.	USPAT; USOCR	OR	OFF	2008/04/15 12:03
S2	6	S1 and ultrasonic with weld$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/15 12:15
S3	6	S1 and ultrasonic$4 with weld$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/15 12:16
S4	4804	(384/100-132).CCLS.	USPAT; USOCR	OR	OFF	2008/04/15 12:16
S5	11	S4 and ultrasonic$4 with weld$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/15 12:17
S6	7	S5 and sinter$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/15 12:23
S7	3	("20020025089" | "5810481" | "6242830").PN. OR ("7008112").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/15 12:36
S8	5	("20020102039" | "4737673" | "6082903" | "6517247").PN. OR ("6832853").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/15 12:37
S9	0	S8 and ultrasonic$4 with weld$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/15 12:45
S10	0	S8 and weld$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/15 12:45
S11	1	S7 and weld$3	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/15 12:45
S12	3302	((310/90) or (360/99.07) or (360/99.08)).CCLS.	USPAT; USOCR	OR	OFF	2008/04/15 12:48
S13	44	S12 and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/15 12:48

S14	13	S13 and sinter$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/15 12:48
S15	12	("3845339" | "4371220" | "5236784" | "5322369" | "5366298" | "5623382" | "5678929" | "5685647" | "5806169" | "5847479"). PN. OR ("6133660"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/15 12:50
S16	1	S15 and ultrasonic	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/15 12:50
S17	0	S4 and copper near (sleeve and housing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/15 14:07
S18	0	S4 and brass near (sleeve and housing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/15 14:08
S19	2	S4 and brass with (sleeve and housing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/15 14:08
S20	5	S4 and copper with (sleeve and housing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/15 14:08
S21	18	S4 and steel with (sleeve and housing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/15 14:09
S22	1	"5683183".pn. and weld $3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/17 12:15
S23	1	"5683183".pn. and weld $3 and steel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/17 12:15
S24	23	plain adj bearing with aluminum and ("molybdenum disulfide" graphite "tungsten disulfide" "boron nitride" "graphite fluoride" "molybdenum trioxide")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 11:14

S25	20	S24 and (Sn or tin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 11:15
S26	11	S24 and (Si or silicon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 11:15
S27	11	S25 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 11:15
S28	3	S27 and hardness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 11:16
S29	0	("2005/0180669").URPN.	USPAT	OR	OFF	2008/04/21 11:19
S30	12	S24 not S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 11:21
S31	34	plain adj bearing with aluminum and (si or silicon) and (sn or tin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/04/21 11:37
S32	1138	384/107	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/08 11:38
S33	5	("20030113045" | "6242830" | "6340854" | "6398414" | "6513979"). PN. OR ("7011449"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/08 11:39
S34	711	384/107.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/08 11:41
S35	37	S34 and (resin plastic) near4 housing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/08 11:41
S36	3	"20040042695"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/08 13:25
S37	1	("7029179").PN.	USPAT; USOCR	OR	OFF	2009/01/19 14:20

S38	5	("20040028299" | "6172847" | "6307293" | "6316857" | "6513979"). PN. OR ("7029179"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/19 14:20
S39	5	("20030113045" | "6242830" | "6340854" | "6398414" | "6513979"). PN. OR ("7011449"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/19 14:22
S40	4	("20020064324" | "6390681" | "6499882" | "6712514").PN. OR ("6921208").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/19 14:23
S41	23	(US-20030185474-$ or US-20030169952-$ or US-20040042695-$ or US-20050180668-$ or US-20070177831-$).did. or (US-6832853-$ or US-7008112-$ or US-6133660-$ or US-5683183-$ or US-4193645-$ or US-5925471-$ or US-6045929-$ or US-4015949-$ or US-5362574-$ or US-7011449-$ or US-7025505-$ or US-7029179-$ or US-7044640-$ or US-6390681-$ or US-6921208-$ or US-6712514-$).did. or (JP-61012844-$ or JP-11209836-$).did.	US-PGPUB; USPAT; JPO	OR	OFF	2009/01/19 14:26
S42	17	S41 and resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/19 14:26
S43	711	384/107.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/19 14:31
S44	170	S43 and (resin plastic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/19 14:32
S45	0	S41 and plasticv	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/19 14:39
S46	11	S41 and plastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/19 14:39

S47	3	("20020025089" | "5810481" | "6242830"). PN. OR ("7008112"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/19 14:40
S48	23	(US-20030185474-$ or US-20030169952-$ or US-20040042695-$ or US-20050180668-$ or US-20070177831-$).did. or (US-6832853-$ or US-7008112-$ or US-6133660-$ or US-5683183-$ or US-4193645-$ or US-5925471-$ or US-6045929-$ or US-4015949-$ or US-5362574-$ or US-7011449-$ or US-7025505-$ or US-7029179-$ or US-7044640-$ or US-6390681-$ or US-6921208-$ or US-6712514-$).did. or (JP-61012844-$ or JP-11209836-$).did.	US-PGPUB; USPAT; JPO	OR	OFF	2009/01/19 14:46
S49	15	S41 and sinter$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/19 14:46
S50	2	"20020025089"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/19 14:47
S51	6	("20030113045" | "6242830" | "6340854" | "6398414" | "6513979"). PN. OR ("7011449"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/02 11:22
S52	7	("7025505").URPN.	USPAT	OR	OFF	2010/12/02 11:23
S53	5	("20030113045" | "20030169952" | "20040028299" | "20050044714" | "7025505").PN. OR ("7690845").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/02 11:23
S54	5	("20030113045" | "20030169952" | "20040028299" | "20050044714" | "7025505").PN. OR ("7690845").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/02 11:23
S55	9	("5708520" | "5998898"). PN. OR ("7025505"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/02 11:23

S56	6	("20020051588" | "6250807" | "6655841" | "7025505" | "7077572" | "7111988").PN. OR ("7604411").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/02 11:24
S57	786	384/107.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/02 11:24
S58	60	("4795275" | "5067528" | "5112142" | "5246294" | "5284391" | "5328271" | "5358339" | "5407281" | "5423612").PN. OR ("5516212").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/02 11:27
S59	8	("20020025089" | "5810481" | "6242830").PN. OR ("7008112").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 12:33
S60	1	"20030113045"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 12:34
S61	217	384/119.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 12:35
S62	80	384/120.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 12:41
S63	302	384/121.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/10 12:42

3/10/2011 2:53:44 PM
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